

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--|------------------|---------|------------------|
| L1    | 12    | (("20030215021") or ("20050147076") or ("20030076908") or ("7200178") or ("7274730") or ("6816555") or ("7133458") or ("7187717") or ("7190730") or ("20060018411") or ("6771706") or ("20040165558")).PN.   | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/11/16 12:55 |
| L2    | 82746 | "delay spread" or fading or coherence or "delay-spread"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 09:21 |
| L3    | 9     | 1 and 2  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 10:32 |
| L4    | 6762  | 2.clm.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 09:32 |
| L5    | 18262 | ofdm   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 09:32 |
| L6    | 5706  | mimo   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 09:32 |
| L7    | 110   | 4 and 5 and 6  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 09:33 |
| L8    | 7115  | "doppler spread" or "fading rate" or "fading bandwidth" or "spectral broadening" or "doppler-spread" or "fading-rate" or "fading-bandwidth" or "spectral-broadening" or "coherence time" or "coherence bandwidth" or "coherence-time" or "coherence-bandwidth" or "delay spread" or "multipath delay" or "length of the channel response" or "length of channel response" or "length of the impulse response" or "length of impulse response" or "length of the channel impulse response" or "ength of channel impulse response" | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 13:33 |
| L9    | 595   | 5 and 6 and 8  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 13:04 |
| L10   | 657   | "doppler spread"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 13:32 |
| L11   | 53    | 9 and 10   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 13:04 |
| L12   | 46    | 11 not 7   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 13:04 |
| L13   | 3410  | "delay spread"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/11/16 13:32 |

## EAST Search History

|     |     |                       |  |    |     |                  |
|-----|-----|-----------------------|--|----|-----|------------------|
| L14 | 476 | 9 and 13              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/11/16 13:33 |
| L15 | 379 | 14 not (12 or 7 or 1) | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/11/16 13:34 |